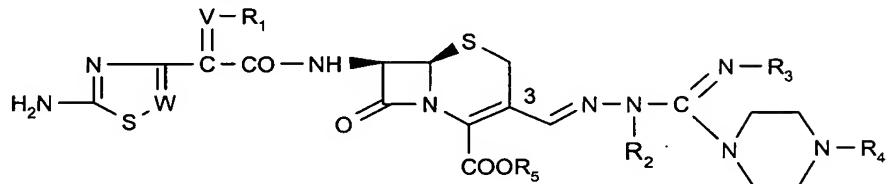


Amendments to the Claims

Cancel claims 1-15 and add claims 16-27:

16. (new) A compound of the formula

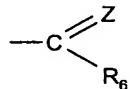


wherein

R<sub>1</sub> is hydrogen, acyl, carboxyl, or alkyl;

R<sub>2</sub> and R<sub>3</sub> are the same or different and independently of each other are hydrogen, cycloalkyl, alkyl, alkenyl, or alkinyl;

R<sub>4</sub> is hydrogen or a group of the formula



wherein R<sub>6</sub> is amino, hydrazino aminoalkylamino, alkoxy, aryl, cycloalkyl, aryloxy, heterocyclyl, alkyl, alkenyl, or alkinyl; and

Z is O, S, or NR<sub>7</sub>, wherein R<sub>7</sub> is as defined as R<sub>2</sub>;

R<sub>5</sub> is hydrogen or an ester moiety;

W is CH or N; and

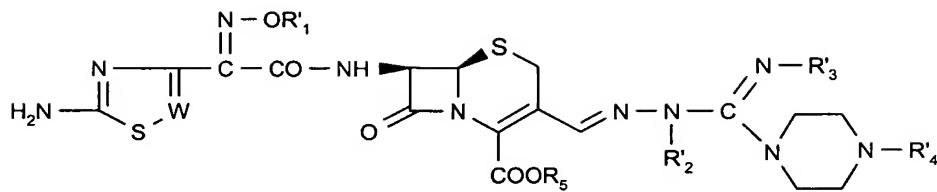
V is CH or N-O;

with the proviso that compounds of formula I wherein

- V is N-O, W is CH, R<sub>1</sub> is CH<sub>3</sub>, R<sub>2</sub> is H, R<sub>3</sub> is CH<sub>3</sub>, and R<sub>4</sub> is H;
- V is N-O, W is CH, R<sub>1</sub> is CH<sub>3</sub>, R<sub>2</sub> is H, R<sub>3</sub> is H, and R<sub>4</sub> is H;
- V is N-O, W is CH, R<sub>1</sub> is CH<sub>3</sub>, R<sub>2</sub> is CH<sub>3</sub>, R<sub>3</sub> is H, and R<sub>4</sub> is H;
- V is N-O, W is CH, R<sub>1</sub> is H, R<sub>2</sub> is H, R<sub>3</sub> is H, and R<sub>4</sub> is H;
- V is N-O, W is CH, R<sub>1</sub> is H, R<sub>2</sub> is CH<sub>3</sub>, R<sub>3</sub> is H, and R<sub>4</sub> is H; and
- V is N-O, W is N, R<sub>1</sub> is CH<sub>2</sub>F, R<sub>2</sub> is H, R<sub>3</sub> is H, and R<sub>4</sub> is H;

are excluded.

17. (new) A compound of claim 16 of the formula



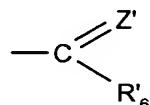
Ia

wherein

R'1 is hydrogen or alkyl;

R'2 and R'3 are the same or different and independently of each other are hydrogen, alkenyl, or alkyl; and

R'4 is hydrogen or a group of the formula



wherein

Z' is O or NR'7, wherein R'7 is hydrogen or alkyl; and

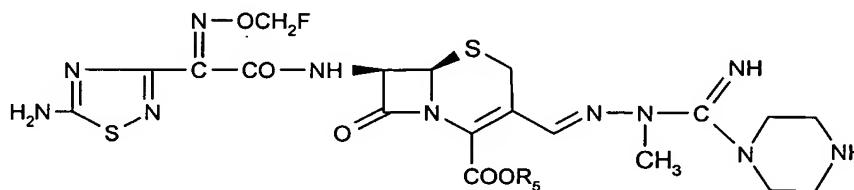
R'6 is amino; aminoalkylamino; hydrazino; alkoxy; unsubstituted aryl or substituted aryl; cycloalkyl; a 5 to 6 membered heterocycle containing 1 to 3 nitrogen and/or sulphur- and/or oxygen atoms; unsubstituted alkyl; or alkyl, one or several-fold substituted by unsubstituted aryl, or aryl substituted by hydroxy, alkoxy, or phenoxy; aryloxy; amino; hydroxy; carboxy; guanidino or nitroguanidino; or a heterocyclyl-carboximino group;

with the proviso that compounds of formula Ia wherein

- a) W is CH, R'1 is CH<sub>3</sub>, R'2 is H, R'3 is CH<sub>3</sub>, and R'4 is H;
- b) W is CH, R'1 is CH<sub>3</sub>, R'2 is H, R'3 is H, and R'4 is H;
- c) W is CH, R'1 is CH<sub>3</sub>, R'2 is CH<sub>3</sub>, R'3 is H, and R'4 is H;
- d) W is CH, R'1 is H, R'2 is H, R'3 is H, and R'4 is H;
- e) W is CH, R'1 is H, R'2 is CH<sub>3</sub>, R'3 is H, and R'4 is H; and
- f) W is N, R'1 is CH<sub>2</sub>F, R'2 is H, R'3 is H, and R'4 is H;

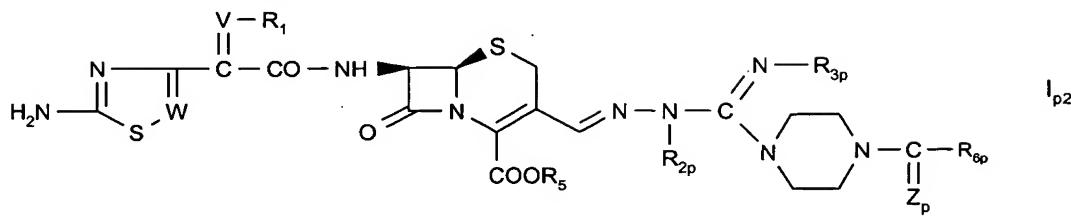
are excluded.

18. (new) A compound of claim 16 of the formula



Ip1

19. (new) A compound of claim 16 of the formula



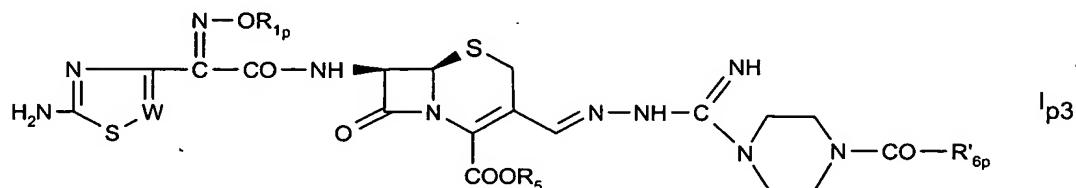
wherein

$R_{2p}$  and  $R_{3p}$  are the same or different and independently of each other are hydrogen, cycloalkyl, or alkyl substituted by halogen or hydroxyl;

$R_{6p}$  is amino, unsubstituted or substituted alkylamino or dialkylamino, alkoxy, aryl, cycloalkyl, aryloxy, an unsubstituted 5- or 6-membered, saturated, partially saturated or unsaturated heterocycle which may be condensed containing 1 to 5 nitrogen and/or 1 to 3 sulphur- and/or oxygen atoms, a substituted 5- or 6-membered, saturated, partially saturated or unsaturated heterocycle which may be condensed containing 1 to 5 nitrogen and/or 1 to 3 sulphur- and/or oxygen atoms by amino, hydroxy, alkoxy, acyloxy, carboxy or mercapto, cycloalkyl or unsubstituted straight chain or branched ( $C_{1-20}$ )alkyl, ( $C_{1-20}$ )alkenyl or ( $C_{1-20}$ )alkinyl, which may be interrupted by N, S, and/or O; once or several times substituted straight chain or branched ( $C_{1-20}$ )alkyl, ( $C_{1-20}$ )alkenyl or ( $C_{1-20}$ )alkinyl which may be interrupted by N, S, and/or O, by hydroxy, alkoxy, aryloxy, acyloxy, carbamoyloxy, amino, alkylamino, dialkylamino, trialkylammonium, acylamino, ureido, oximino, imino, carboxy, oxo, halogen, nitro, a carboxylic acid derivative, a sulphonate acid derivative, an unsubstituted 5- or 6-membered, saturated, partially saturated or unsaturated heterocycle which may be condensed containing 1 to 5 nitrogen and/or 1 to 3 sulphur- and/or oxygen atoms; or a substituted 5- or 6-membered, saturated, partially saturated or unsaturated heterocycle which may be condensed containing 1 to 5 nitrogen and/or 1 to 3 sulphur- and/or oxygen atoms by amino, hydroxy, alkoxy, acyloxy, carboxy, or mercapto; and

$Z_p$  is oxygen or  $NR_7p$ , wherein  $R_7p$  is as defined  $R_{2p}$ .

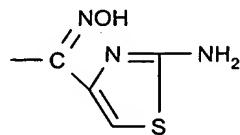
20. (new) A compound of claim 16 of the formula



wherein

$R_{1p}$  is hydrogen or  $CH_2F$ ; and

$R'_{6p}$  is hydrogen,  $(C_{1-20})$ alkyl,  $(C_{1-20})$ alkyl one or two fold substituted by phenyl, phenoxy, amino, hydroxyphenyl, hydroxy, carboxyl, guanidino or nitroguanidino, unsubstituted phenyl or phenyl substituted by acetoxy, or pyrrolidinyl; or a compound of the formula

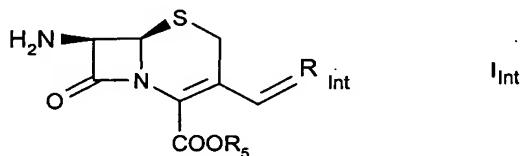


21. (new) A compound of claim 16 in the form of a salt and/or in the form of a solvate.

22. (new) A compound selected from

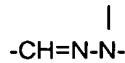
- 1-[(1-methylhydrazino)iminomethyl]piperazine;
- 1-[(1-ethylhydrazino)iminomethyl]piperazine;
- 1-[(1-allylhydrazino)iminomethyl]piperazine;
- 1-[(1-(4-methoxybenzyl)hydrazino)iminomethyl]piperazine;
- 1-[(1-(3,4,5-trimethoxybenzyl)hydrazino)iminomethyl]piperazine;
- 1-[(1-methylhydrazino)(methylimino)methyl]piperazine;
- 1-[(1-methylhydrazino)(ethylimino)methyl]piperazine;
- glycin-(4-hydrazinoiminomethyl)piperazide;
- 1-(R)-(amino(4-hydroxyphenyl)acetyl)4-(hydrazinoiminomethyl)piperazine;
- 1,4-bis(hydrazinoiminomethyl)piperazine; and
- 1-(hydrazinoiminomethyl)-4-[ethylimino][3-dimethylaminopropyl]amino)methyl]-piperazine.

23. (new) A compound of the formula



wherein

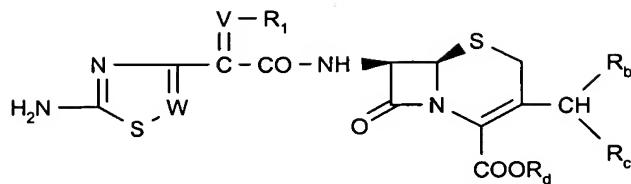
$R_5$  is hydrogen or an ester moiety and  $R_{int}$  is a group of the formula



which is formed by a bond of the terminal amine group of the hydrazino group of a compound of claim 22 and wherein the  $-\text{N}-$  group is substituted according to a compound of claim 22.

24. (new) A process for the production of a compound of claim 16, which comprises

- a) reacting a compound of the formula

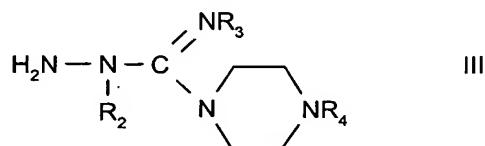


II

wherein

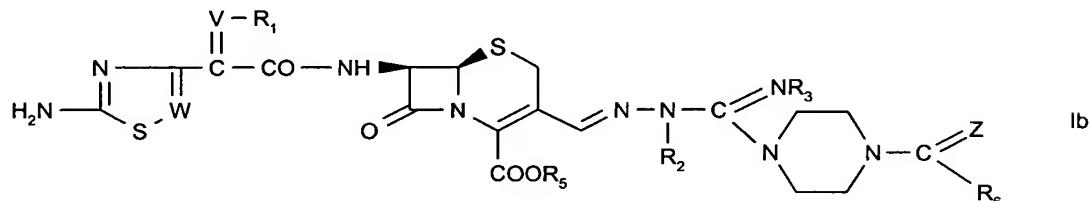
- $\alpha)$   $R_b$  is hydroxy and  $R_c$  and  $R_d$  together are a bond, or
- $\beta)$   $R_d$  is hydrogen, a cation, an ester moiety, or a silyl group and  $R_b$  and  $R_c$  are oxo

with a compound of the formula



III

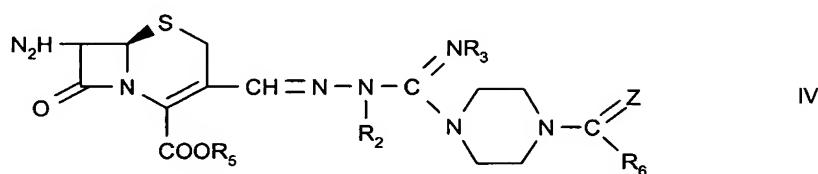
25. (new) A process for the production of a compound of claim 16 of the formula



Ib

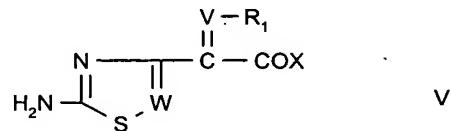
which comprises:

- a) acylating a compound of the formula



IV

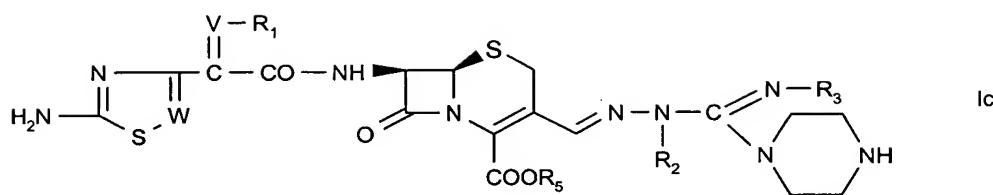
with a compound of the formula



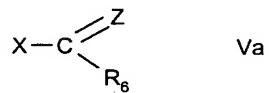
V

wherein X is a leaving group; or

- b) reacting a compound of the formula



with a compound of the formula



wherein X is a leaving group.

26. (new) A pharmaceutical composition comprising a compound of claim 16 in the form of a pharmaceutically acceptable salt or in free form in association with at least one pharmaceutical carrier or diluent.

27. (new) A method of treating microbial diseases which comprises administering to a subject in need of such treatment an effective amount of a compound of claim 16.